

What is claimed is:

1. A plasma display panel comprising plural kinds of phosphor layers emitting different colors of fluorescent light, at least one kind of the phosphor

5 layer being formed of a mixed phosphors obtained by mixing a phosphor having a surface potential with a negative polarity and phosphors having a surface potential with a positive polarity.

10 2. The plasma display panel according to claim 1, wherein a green phosphor

layer is formed of a mixed green phosphor obtained by mixing a manganese activated zinc silicate phosphor represented by the general formula $Zn_2SiO_4 : Mn$ and having surface potential with a negative polarity and a terbium activated rare earth borate green phosphor represented by the general formula $ReBO_3 : Tb$, wherein Re denotes one rare earth element or a solid

15 solution of plural kinds of rare earth elements selected from the group consisting of Sc, Y, La, Ce and Gd, having a surface potential with a positive polarity.

20 3. The plasma display panel according to claim 2, wherein the mixing ratio

of the terbium activated rare earth borate green phosphor to the whole composition in the mixed phosphor is 10 to 75 weight %.

25 4. A plasma display panel comprising:

a pair substrates positioned opposing each other with a discharge space provided therebetween where at least front substrate is transparent,

30 a separation wall disposed on at least one substrate so as to divide the discharge space into several parts,

a group of electrodes arranged on the substrate so that discharge is performed in the discharge spaces divided by the separation walls, and

35 phosphor layers emitting light by the discharge,

wherein the phosphor layers include plural kinds of phosphor layers emitting different colors of fluorescent light, at least one kind of the phosphor layer being formed by using a mixed phosphor obtained by mixing a phosphor having a surface potential with a negative polarity and a phosphor having a surface potential with a positive polarity.

35 5. The plasma display panel according to claim 1, wherein a green phosphor

- layer is formed of a mixed phosphor obtained by mixing a manganese activated zinc silicate green phosphor represented by the general formula $Zn_2SiO_4 : Mn$ and having surface potential with a negative polarity and a terbium activated rare earth borate green phosphor represented by the
- 5 general formula $ReBO_3 : Tb$, wherein Re denotes one rare earth element or a solid solution of plural kinds of rare earth elements selected from the group consisting of Sc, Y, La, Ce and Gd, having a surface potential with a positive polarity.
- 10 6. The plasma display panel according to claim 2, wherein the mixing ratio of the terbium activated rare earth borate green phosphor to the whole composition in the mixed phosphor is 10 to 75 weight %.

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